



The International Maritime Transport & Logistics Conference

MARLOG11

Towards a Sustainable Blue Economy

Program

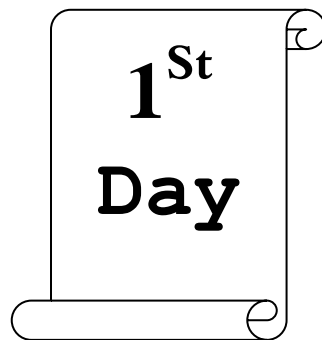
20 – 22 March 2022



The International Maritime Transport & Logistics Conference

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Towards a Sustainable Blue Economy



Sunday, 20th March 2022



*All timings mentioned in the agenda are in GMT+2 – Cairo time

Opening Session

10:00 Opening Address

- 🌀 **Prof. Akram Soliman Elselmy**
Head of the Conference Organizing Committee
- 🌀 **Prof. Ismail Abdel Ghafar Ismail Farag**
Conference Chairman
- 🌀 **H.E Dr. Cleopatra Doumbia-Henry**
President, the World Maritime University, Malmo, Sweden
- 🌀 **Arab League Speech**
- 🌀 **H. E. Admiral Osama Rabie**
Chairman and Managing Director, Suez Canal Authority
- 🌀 **H.E. Lieutenant General Kamel Al-Wazir**
Minister of Transport

- 10:45 ➤ Recognition of **Instrumental Figures**
- 11:00 ➤ Signing a memorandum of understandings
- 11:15 ➤ Opening of the International Maritime Exhibition
- 11:40 ➤ Tea Break



Session 1

"Blue Economy Management and Synergies"

Session Honorary Panelist

H. E. Eng. Hessa Ahmed Hamdan Almalek

Advisor to the Minister for Maritime Transport Affairs,
Ministry of Energy & Infrastructure, UAE.

Session Chair

Capt. Anwar Buftain
Marine Expert, Kuwait.

12:00 PIANC Contribution to Blue Economy

Mr. Francisco Esteban Lefler

President, The World Association for Waterborne Transport Infrastructure (PIANC), Brussels, Belgium.

12:15 Mediterranean Ports Blue Economy

Dr. Philippe Guillaumet

Secretary General, Medports Association, France.

12:30 Sustainable Travel and Tourists' Satisfaction. The Case of Constanta, Romania.

Eng. Andreea Barbu, Prof. Dana Corina Deselnicu and Dr. Gheorghe Militaru

Assistant Professor, University POLITEHNICA of Bucharest, Romania.

13:00 Session Discussion lead by the Honorary Panelist

13:30 Break



Session 2

"Innovative Investments in Blue Economy"

Session Chair

Prof. Maja Fošner

Dean, Faculty of Logistics, University of Maribor, Slovenia

Session Panelist

Prof. Sara Elgazzar

Dean of College of International Transport and Logistics, Alexandria, AASTMT

13:45 Fostering Sustainable Blue Economy Through Regional Cooperation and Networking between Educational and Training Infrastructure Relevant to the Marine and Maritime Professions and Aligned with Business Needs

Eng. Francesc Carbonell

Head, Transport and Development Sector, Union for the Mediterranean, Spain.

14:00 Smart Ship Controllers for Accessibility Optimization

Dr. Thibaut Van Zwijsvoorde

Nautical Researcher at Flanders Hydraulics Research, Belgium.

14:15 Multicriteria Analysis of the Sustainability Performance of the Maritime Activity of Egypt and Romania

Prof. Dana Corina Deselnicu, Eng. Andreea Barbu and Sandra Hamy Haddad

Associate Professor, Faculty of Entrepreneurship Business Management and Engineering (FAIMA), University POLITEHNICA of Bucharest, Romania.

14:30 Hydrogen Economy – The Role of The Maritime Industry

Dr. Burkhard Lemper

President of Global Shipping Think Tank Alliance, Shanghai, China.

14:45 **Session Discussion**

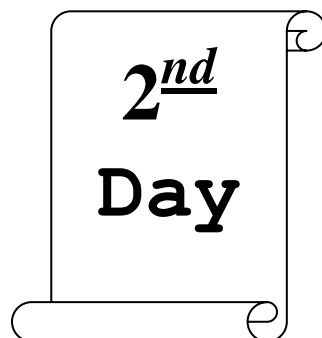
15:00 **Lunch**



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Monday, 21st March 2022



Session 3

Blue economy: Port and Maritime Industry Resilience

Session Chair

Prof Bojan Rosi

Professor, Faculty of Logistics, University of Maribor, Slovenia

- 09:00** Arab Region Ports: Transforming from Crisis Management to DRR and Resilience
Mr. Ahmed Riad
Resilience and DRR Expert
Board Member – Global Board of UNDRR Private Sector Alliance for Resilient Societies, UAE.
- 09:15** Container Terminals Collaboration: The Case of National Container Terminals in Egypt.
Dr. Ahmad Kamel
Damietta Container and Cargo Handling Company, Egypt.
- 09:30** The Impact of Globalization on Mediterranean Container Terminals
Dr. Gianfranco Fancello, Dr. Daniel Mark Vitiello and Dr. Patrizia Serra
Professor at the Department of Civil and Environmental Engineering and Architecture -Transportation Sector,
University of Cagliari.
General Manager of "Centre of Excellence in Transport" of the Sardinia Region, Italy.
- 09:45** Freight Rates, Congested Ports, Container Shortage: The New Economic and Maritime Tornado in the
Mediterranean and The New Challenges
Mr. Alessandro Panaro
Head of Service, Maritime & Mediterranean Economy, Italy.
- 10:00** Cybersecurity in Blue Economy, An Urgent Call to Action
Dr. Mohamed AbdelFattah
Senior Security Architect, Cybersecurity expert, Fortinet, Egypt.
- 10:15** **Session Discussion**
- 10:30** **Break**



Session 4

Empowering Blue Economy: Insights and opportunities

Session Chair

Dr. Babak Banijamali

Vice-Chairman of Maritime Navigation Commission (MarCom)
World Association for Waterborne Transport Infrastructure, PIANC

Session Panelist

Prof. Tomaž Kramberger

Vice Dean, Faculty of Logistics - University of Maribor, Slovenia

- 10:45** Activities of PIANC Working Group 219 – Guidelines for Inland Waterways Infrastructure to Facilitate Tourism
Mr. Rudy Van Der Ween
President of Inland Waterways International.
Assistant Manager of The Ghent Tourist Office, Belgium.
- 11:00** Investigating Factors Influencing the Purchasing Decisions of Low Emission Cars
Dr. Matjaz Knez, Dr. Alaa Othman, Dr. Ahmed Dabees and Dr. Baher Rahma
Vice Dean for Economic Affairs, Faculty of Logistics, University of Maribor, Slovenia.
- 11:15** Opportunities Facing the Egyptian Blue Economy
Dr Mohab Gaber
Commander of Technical Research and Calibration Center, Navy Forces, Egypt.
- 11:30** Insights into Logistics and Supply Chain Studies in Middle East-V2
Dr. Matevz Obrecht, Dr. Zane Feodorova and Dr. Maja Rosi
Associate Professor, Faculty of Logistics, University of Maribor, Slovenia.
- 11:45** Sea-Based Economy: Review of Research Agenda Within the Blue Economy Concept
Dr Mohi Elsayeh, Capt. Abdulla Wanis Tabet, Dr. Fatima Aljwifi and Dr. Ahmed Ismail Hafez
Phd Candidate, AASTMT, Libya
- 12:00** **Session Discussion**
- 12:15** **Tea Break**



Session 5

Industrial and Marine Engineering Innovations to Promote Blue Economy

Session Chair

Prof. Yasser El-Sonbaty

Vice President for Information and Communications Technology

Professor of Computer Science at College of Computing & Information Technology, AASTMT

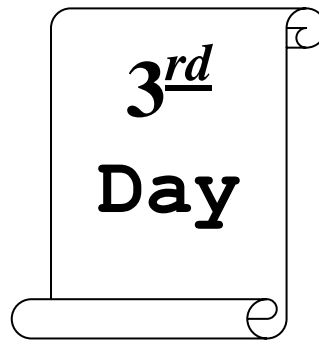
- 12:30** Oil And Gas Exploration (Seismic Survey) Impact on Marine Environment and Maritime Activities: (A Brief Overview on the Red Sea in Egypt)
Capt. Sherif Abdelrahman
AASTMT, Egypt.
- 12:45** Using Novative UAVs to Support Maritime Emergency Operations
Prof Roberto Revetria, Dr Rozhok Anastasiia and Dr Adorni Emanuele
Head, Mechanical and Engineering Department, University of Genoa, Italy.
- 13:00** Circularity of Bulky Waste: A Case Study of Krško in Slovenia
Dr Boštjan Vimpolšek, Dr Jože Leskovar and Dr Andrej Lisec
Vice Dean, Faculty of Logistics, University of Maribor, Slovenia.
- 13:15**
- 13:30** ABB Solutions for Onshore Power Supply
Eng. Mohamed Salem, Mr Karim Zaghoul and Mr. Amr Younis
Head of Energy Distribution Solutions and Smart Buildings Sector, ABB Group, Egypt.
- 13:45** Investigating the Effect of Terminals' Service Attributes on Attracting Shipping Lines: A Stated Choice Approach
Eng Aly Elrefaei and Dr Ahmed Idris
AASTMT, Egypt.
- 14:00** **Session Discussion**
- 14:15** **Lunch**



**The International Maritime Transport & Logistics
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MARLOG 11

Digitalization in Ports & Maritime Industry



Tuesday, 22nd March 2022



Session 6

"Smart Innovations for Blue Economy"

Session Chair

Prof. Yasser Gaber

Professor of Electrical Engineering and Renewable Energy Technologies, AASTMT

- 09:00** Cyber-Physical Security for Ports' Infrastructure
Prof. Iosif Progoulakis, Prof. Nikitas Nikitakos, Dr. Dimitrios Dalaklis and Capt. Razali Yaacob
Professor, Department of Shipping Trade and Transport, University of the Aegean, Chios, Greece.
- 09:15** Port of Antwerp: A Pioneer Among Sustainable Ports
Mr. Nico Suys
Head of Business Development or Port of Antwerp International for the Region North Africa,
Port of Antwerp, Belgium.
- 09:30** Investigating Maritime Accidents that Involve Dangerous Goods Using Hierarchical Clustering
Dr Patrizia Serra, Dr Gianfranco Fancello, Dr Marco Mandas, Dr Mariangela Daga and Dr Andrea Medda
Assistant Professor, Department of Civil and Environmental Engineering and Architecture,
Transportation Sector, University of Cagliari, Italy.
- 09:45** The Role of Vessel Monitoring Systems (Vms) in Mitigating Illegal, Unreported and Unregulated (Iuu) Fishing
Dr. Karim Aboul-Dahab
Senior specialist, Navigation Services, National Telecom Regulatory Authority, Egypt.
- 10:00** **Session Discussion**
- 10:15** **Break**



Session 7

"Blue Economy: Renewable Energy Perspective"

Session Chair

Prof. Alaa Abdel-Barry

Vice President for Post Graduate studies and Scientific Research

- 10:30** Low-Carbon Sustainable Development Path and Strategy for Shipping Industry in China
Eng. WANG Renjie.
Chief Engineer, Department of Atmosphere and Low Carbon, Division of Environment and Resources Research, TPRI (Transport Planning and Research Institute), China.
- 10:45** Decarbonising Short Sea Shipping Operations: Examining the Efforts and Outcomes of a Finnish Shipping Line's Relevant Initiatives
Dr. Anastasia Christodoulou, Dr. Dimitrios Dalaklis, Dr. Aykut I. Ölçer and Dr. Peyman Ghaforian Masodzadeh
Research Associate, World Maritime University, Malmo, Sweden.
- 11:00** Hydrographic Surveys as an Art of Delineating the Impact of Climate Change on The Coastal Environment
Dr. Ahmed Fekry and Dr. Amr Hamouda
Research Geophysicist, Marine Geophysics Department, National Institute of Oceanography and Fisheries (NIOF), Egypt.
- 11:15** Conceptual Framework for Integration on Renewable Energy Sources for Marine Port Electrification
Prof. Nikitas Nikitakos, Dr Afrokomi-Afroula Stefanakou, Dr. Andrey Nikishin, Dr Maksim Kharitonov, Dr. Elena Gordeeva, Dr Anatoliy Popov and Dr. Pavel Kovalishin
Professor, Department of Shipping Trade and Transport, University of the Aegean, Chios, Greece.
- 11:30** Challenges and Opportunities Brought by Decarbonization to Shipping Companies
Mr. CHEN Ji
Senior Manager, Technical Safety Supervision Department, Safety Supervision Division of China Cosco Shipping Corporation Limited, China.
- 11:45** **Session Discussion**
- 12:00** **Tea Break**



Session 8

The Role of Industry Environmental Infrastructure to Promote Sustainable Blue Economy

Session Chair

Prof. Ahmed Amin
Professor, Civil Engineering Department, Suez Canal University

- 12:30** Towards A Sustainable Blue Economy: How to Make an Industrial Zone More Environmentally Friendly? The Case of Rotterdam Harbor.
Prof. Rien van Zetten.
Senior Project Manager of Civil Engineering Projects, Department of Project and Program management, Guest lecturer at UNESCO-IHE, Delft, the Netherlands.
- 12:45** Measurement Of Stress Among Marine Engineers: A Methodological Intervention
Mr. Toorban Mitra and Mr. Krushna Mohan Pattanaik
Research Officer, Indian Maritime University, India.
- 13:00** Environmental Sustainability of Coastal Areas and Building-With-Nature, 10 Years of Experience in a Dutch Nature Compensation Project.
Prof. Frank van der Meulen
Associate Professor, Integrated Coastal Zone Management (emeritus), UNESCO-IHE and Deltares, Delft, The Netherlands.
Visiting Professor, World Maritime University, Malmo, Sweden.
- 13:15** Companies affiliated with Suez Canal Authority: “A Breakthrough into the Future”
Dr. Ahmed Rezk
Financial Department Agent, Suez Canal Authority, Egypt.
- 13:30** Practice of Promoting Green Waterborne Transport Development in China
Prof. Peng Chuansheng
Chief Technical Officer, Professor Research Center on Environment Protection and Energy Saving Technology, China Waterborne Transport Research Institute, China.
- 13:45** **Session Discussion**
- 14:00** **Break**



Closing Session

Chairman

Prof. Ismail Abdel Ghafar Ismail Farag

Conference Chairman

- 14:20 Keynote Speech:**
Prof. Ismail Abdel Ghafar Ismail Farag
- 14:30 Proposed Recommendations**
Prof. Yousry El Gamal
Head, Conference Technical Committee
- 14:45 Recognition of Speakers, Keynote Speakers, and Sessions Chair**
- 15:00 Lunch**